

Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 8. (Canceled)

9. (Currently Amended) An apparatus ~~access station for wireless communications,~~
~~the access station~~ comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that ~~an~~ a first access point of the plurality of access points is receiving a first signal and that is adapted to restrain at least ~~one~~ other a second access point of the plurality of access points from transmitting ~~another a second~~ signal responsive to the ascertaining that the first access point is receiving the first signal.

10. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the plurality of access points established by the wireless I/O unit are co-located.

11. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the wireless I/O unit operates in accordance with at least one IEEE 802.11 standard.

12. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal received by the access point comprises at least one uplinked packet.

13. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal received by the access point comprises at least a portion of an uplinked packet.

14. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 13, wherein the at least a portion of the uplinked packet comprises at least part of a preamble of the uplinked packet.

15. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic ~~also~~-restrains at least two other access points of the plurality of access points from transmitting signals responsive to the ascertaining that the first access point of the plurality of access points is receiving the first signal.

16. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic ~~also~~-restrains ~~the~~ at least ~~one other~~ the second access point of the plurality of access points from transmitting a downlink signal responsive to the ascertaining that the first access point of the plurality of access points is receiving the first signal.

17. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic ~~also~~-restrains the at least one other access point of the plurality of access points from transmitting the other signal on a first channel responsive to the ascertaining that the access point of the plurality of access points is receiving the signal on a second different channel.

18. - 19. (Canceled)

20. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic ~~also~~ restrains ~~the~~ at least ~~one other~~ the second access point of the plurality of access points while the first access point is receiving the first signal.

21. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein each access point of the plurality of access points corresponds to a communication beam of a plurality of communication beams that emanate from the access station.

22. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein each access point of the plurality of access points is associated with a medium access controller/baseband unit pair.

23. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic comprises medium access controller coordination logic.

24. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 23, wherein the medium access controller coordination logic is ~~physically distributed to link~~ links two or more access stations.

25. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic ~~operates at~~ affects a baseband unit level.

26. (Currently Amended) The ~~access station as recited in~~ apparatus of claim 9, wherein the signal transmission/reception coordination logic ~~operates at~~ affects a radio frequency (RF) ~~level~~ part.

27. – 106. (Canceled)

107. (Currently Amended) An apparatus ~~access station for wireless communications in a wireless system, the access station~~ comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that:

a first access point of the plurality of access points is receiving a first signal on a first channel,

a second access point of the plurality of access points is receiving a second signal that is ongoing on a second channel, ~~and that restrains the signal transmission/reception coordination logic adapted to restrain at least a second third~~ access point of the plurality of access points from transmitting a second third signal on a second third channel based on responsive to the ascertaining that the first access point is receiving the first signal and that the second access point is receiving the second signal that is with an ongoing transmission on a the second third channel,

wherein the restraining at least the third access point prevents degradation to the first and second signals to prevent distortion to other signals being wirelessly communicated in the wireless system.

108. (Currently Amended) The apparatus of access station as recited in claim 107, wherein the prevented ~~distortion~~ degradation to the first and second signals comprises inter-modulation distortion.

109. (Currently Amended) An ~~access station for wireless communications in a wireless system, the access station~~ apparatus comprising:

a wireless input/output (I/O) unit that is configured to establish ~~at least one a~~ plurality of access points point; and

signal transmission/reception coordination logic that restrains transmission from the at least one access point when another access point is expecting a short-term response to a frame that was transmitted by said another access point.

110. (Currently Amended) The apparatus of ~~access station as recited in~~ claim 109, wherein the short-term response to the frame comprises an immediate response to the frame.

111. (Currently Amended) The apparatus of ~~access station as recited in~~ claim 109, wherein the other access point is also established by the wireless I/O unit of the access station.

112. (Currently Amended) The apparatus of ~~access station as recited in~~ claim 109, wherein the other access point is established by a different access station.

113. (Currently Amended) The apparatus of ~~access station as recited in~~ claim 109, wherein the at least one access point and the other access point are operating on a same channel.

114. (Currently Amended) The apparatus of ~~access station as recited in~~ claim 109, wherein the at least one access point and the other access point are operating on different channels.

115. (Currently Amended) The apparatus of ~~access station as recited in~~ claim 114, wherein the different channels are adjacent.

116. (New) The apparatus of claim 107, wherein the prevented degradation to the first and second signals comprises interference.